

**OPEN MEETING MINUTES
JUNE 9, 2004**

OLD BUSINESS

1. Review minutes – Diane

Approved

2. Associate Member Update – Diane

Over 100 members

3. Pooled Fund Update – Greg

Brochure RFP in the process

Jerry – Alaska; group purchasing, multi-state contract – very easy to do within a particular state – ran into is that we use different products, other states use everything – legal language issues – maybe revisit this – economy of scale would enter into that – vendor concerns – possible creation of a monopoly – share our contract information and try to keep them as consistent between the states -

Research & studies – seems like we are rehashing the same topics over and over again – look at something new

Information and technology transfer – this is where we would like to go

Possible – look at the metals that we use for the corrosion testing; look at different methods of testing corrosion;

Standardized testing methods for everyone to use for corrosion – PNS has a standardized test

Hear about the difference in safety/accident statistics; BC did this for the City of Kamloops – difficult to measure if it's actually the use of deicers that lead to the reduction of accidents or if it's other factors; possible study accentuations for the positives on the road, less accidents – slipperiness issues – really hard to get the data – some is tangible data, but more is less tangible

Is the Kamloops study available? Contact Ingrid via email;

Try to work on putting a positive spin on the good things that we are doing

Education of law enforcement personnel as to what we are doing in regards to chemicals

4. Concrete Research Project Update – Ron

South Dakota is doing a research on the long term effects of mag chloride and other chlorides on Portland cement; three phase study

Build mortars and subject them to various temps with various water percentages and various chemicals

Preliminary results have shown some unexpected results; trying to see why as there doesn't seem to be a pattern as expected

Technical committee is going to get back together to see if there are some other things that they need to address, change, etc as far as completing this study

The other part of this study is to try to come up with mix designs, etc to better what we are doing when specifying how we want things done

Silane treatment of bridge decks
Epoxy overlays on the bridge decks

5. MDT test results and training requirement – Dan & Diane

Went from a 46% failure rate to an 8% failure rate
Training provided by the vendor as per part of the contract
Also providing training from a consulting firm

Vendors agree that this is worthwhile for them also

Liability and litigation play a big part in this concept

From the vendor's aspect, the training prevented their phone from ringing a lot concerning how the product should be used

6. MDT Corrosion Field Testing – Dan

MDT's contribution to the Washington study from last year.

Got metal samples from PacCar that are commonly used in the manufacture of trucks.

Cosmetic corrosion is a cost of doing business – however, if a product is truly jeopardizing the safety of a vehicle, then we need to look at what we are doing

The last coupons will be submitted in late August; testing should be completed by end of Sept; publication date of late Oct or early Nov

7. Specification Revision – Ron

Reevaluating the limits on the metals; phosphorous

Did a search and coordinated all the water limits that exist for trace metals and phosphorus – the EPA has made changes on 6 of the metals (arsenic, cadmium and lead have decreased for drinking water standards)

PNS will raise the following values: Barium raised to 100 from 10) (Copper raised from .2 to 1.0) (Chromium from .5 – 1)

Left all other trace minerals as currently exists

Dilution ratio – stays the same as current; maintaining the 1-100 ratio is still founded

Phosphorous – will put the “actual” limit, which is 2500; really no change as we originally reported this at the 1-100 dilution

Will investigate the orthophosphates

PNS will look at molybdenum as a possible metal to put a limit on.

8. Corrosion Testing Update – Ron

Some variability in the test methods – getting a team together to re-write our methods and close up the gaps that do exist

Trying to standardize the coupon that we use in the corrosion testing. The sample washer that we got did not “pass”. Greg Leist has been working with a metal supplier to have them produce the steel that will work for the corrosion testing.

Send samples to a group of people that can do metal composition testing and can conduct the corrosion testing to come up with comparable results.

There are coupons that are available and are consistently made of the same metal composition. NACE approved, pre-washed, pre-weighed coupons.

The industry needs to all be using the same metal so we can consistently get similar results.

Look at new technology available to provided a different method of doing the corrosion testing.

Make the procedure more detailed.

9. Vendor Meetings – Diane

Will go back to the open forum for the vendors can come in and talk to us about any issue that they may have.

NEW BUSINESS

1. Items arising out of PNS Closed Meeting

WA is quantifying the liquidated damages; vendor will have to certify their product on batch load in writing; the certification must be for all PNS specs; if there is a dispute in the testing, then a sample will be taken at random and split between WA, vendor and an independent lab; independent lab will be the final;

If one sample fails, will the whole batch fail?

This currently is only for the WA bid. Montana, Idaho and Oregon is looking at this also.

2. 2006 Conference – Where?

Oregon has not hosted a conference and Duane is going to present it to his Department to see if they are willing to host this conference.

Do we see the Federal EPA to get involved in standardization? Were invited to the last PNS conference; they are happy with what we are doing and have endorsed the direction that PNS is going.

A group in Minnesota area; New York/Penn is looking at this; still using the PNS as the bases. Several group aren't as formal as the PNS, but are working that way.

AASHTO actually has a standard out there; not very reasonable

General comment of the bid requirements; restrictive bids, still penalties for failures, - no minimum or maximums on the bid; the unlimited quantities with the short delivery is an issue

EPA sets standards for testing “just because they can get the results”; not reasonable levels.